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REPORT NO.

**COUNTRY** East Germany

DATE DISTR. 13 February 1953

SUBJECT Deposits of Nickel Ore and Talcum near Kuhschnappel NO. OF PAGES 1 25X1

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1. A sample of nickel ore was obtained from a prospecting mine near Kuhschnappel (N 51/K 45), Kreis Glauchau (N 51/K 35). The mining district is subdivided into five sections, i.e. Kuhschnappel-East, Kuhschnappel-West, Callenberg (N 51/K 45) in the area of Hohenstein-Ernstthal (N 51/K 55), Kiefernberg, and Limbach (N 51/K 56).
2. According to a report of Jubelt (fnu), geologist-in-charge, the district has the following geological structure: From 0 to 0.5 meters, -humus; from 0.5 to 3.5 meters - loamy surface layer; from 3.5 to 7 meters - lateritic layers, sil - as red rock rich in  $\text{Fe}_2\text{O}_3$  and rich in loose soil; from 7 to 12 meters - silicophile, partly rocky, partly decomposed as sandy slack - there are silicophite layers up to 0.5 meters thick; from 12 to 20 meters - nickel chlorite.
3. According to Jubelt, the deposits are rich in nickel ore. Mining operations have already started in some regions and the deposits will allegedly fill the nickel requirements of East Germany for decades. The mining of talc and talc ochre (Talkocker) reserves, which are estimated at 290,000 tons and 1,500,000 tons respectively, started in the same district from December 1951 to March 1952.

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